

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dwayne Post Examiner #: 68951 Date: 3/10/04
 Art Unit: 2602 Phone Number 30 _____ Serial Number: 16727326
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*


US 6,414,660

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>KE</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	<u>Dialog</u>
Searcher Location: _____	Structure (#) _____	<u>Questel/Orbit</u>
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation <u>X</u>	<u>Lexis/Nexis</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>25</u>	Other _____	Other (specify) _____

Query/Command : prt max legalall

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN -  US6414660 B1 20020702 [US6414660]

TI - (B1) Display device and method of controlling its brightness

PA - (B1) MATSUSHITA ELECTRIC IND CO LTD (JP)

PA0 - Matsushita Electric Industrial Company, Ltd., Osaka [JP]

IN - (B1) MORITA TOMOKO (JP); ISHIKAWA YUICHI (JP); KASAHARA MITSUHIRO (JP)

AP - US85616101 20010731 [2001US-0856161]

FD - PCT/JP00/06212 20000911 [2000WO-JP06212]
WO01/26086 20010412 [WO200126086]

PR - JP28322899 19991004 [1999JP-0283228]
WOJP0006212 20000911 [2000WO-JP06212]

IC - (B1) G09G-003/28

PCL - ORIGINAL (O) : 345063000; CROSS-REFERENCE (X) : 345211000
345690000

CT - US5748171; US6023130; US6133682; US6191505; US6270061; US6288495;
US6313821; US6320568; US6331843; JP6-282241; JP9-6283; JP9-198005; JP9-
288467; JP10215424; JP11194745; JP11212517; JP11231828; JP11283228;
JP11288244; JP2001-200087
English Language Abstract of JP 11-288244.

English Language Abstract of JP 11-231828.

English Language Abstract of JP 9-288467.

English Language Abstract of JP 11-283228.

English Language Abstract of JP 11-194745.

English Language Abstract of JP 2001-200087.

English Language Abstract of JP 6-282241.

English Language Abstract of JP 9-6283.

English Language Abstract of JP 9-198005.

English Language Abstract of JP 11-212517.

ITE '98: 1998 ITE Annual Convention, along with a partial English translation.


STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

AB - A temperature difference estimated value is found from a video signal using a
temperature estimated value representing the temperature of the panel outer
periphery of a display screen of a PDP and a reference value representing the
temperature of the panel outer periphery of the PDP which is outputted from a

panel periphery temperature setter by a temperature difference estimator, and the luminance of an image displayed on a display is controlled depending on the temperature difference estimated value by a controller and a brightness controller.

UP - 2002-28

1/1 LGST - ©EPO


PN -  US6414660 B1 20020702 [US6414660]

AP - US85616101 20010731 [2001US-0856161]

ACT - 20030415 US/CC-A
CERTIFICATE OF CORRECTION

UP - 2003-22

1/1 CRXX - ©CLAIMS/RRX

PN -  6,414,660 A 20020702 [US6414660]

PA - Matsushita Electric Industrial Co Ltd JP

ACT - 20030506 CERTIFICATE OF CORRECTION

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6414660

<=1> Get Drawing Sheet 1 of 19

July 2, 2002

Display device and method of controlling its brightness

REISSUE: December 4, 2003 - Reissue Application filed Ex. Gp.: 2673; Re. S.N.
10/727,326 (O.G. March 2, 2004)

APPL-NO: 856161 (09)

FILED-DATE: July 31, 2001

GRANTED-DATE: July 2, 2002

CORE TERMS: display, peripheral, luminance, estimated value, periphery, screen,
emitting, multiplication, video signal, format ...

LEXIS-NEXIS
Library: PATENT
File: ALL

6,414,660,OR 6414660

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

6,414,660,OR 6414660.

LEXIS-NEXIS
Library: PATENT
File: JNLS

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

6,414,660, OR 6414660

LEXIS-NEXIS
Library: NEWS
File: CURNWS

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To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

s pn=us 6414660
S3 1 PN=US 6414660
? t 3/39/1

3/39/1
DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat
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16803410

Basic Patent (No,Kind,Date): WO 200126086 A1 20010412 <No. of Patents:
020>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
CN 1327571	T	20011219	CN 2000802143	A	20000911	
EP 1136975	A1	20010926	EP 2000957107	A	20000911	
EP 1162595	A2	20011212	EP 2001121826	A	20000911	
EP 1162596	A2	20011212	EP 2001121829	A	20000911	
EP 1168290	A2	20020102	EP 2001121824	A	20000911	
EP 1162595	A3	20030226	EP 2001121826	A	20000911	
EP 1162596	A3	20030226	EP 2001121829	A	20000911	
EP 1168290	A3	20030226	EP 2001121824	A	20000911	
EP 1136975	A4	20030226	EP 2000957107	A	20000911	
JP 2001109426	A2	20010420	JP 99283228	A	19991004	
JP 3270435	B2	20020402	JP 99283228	A	19991004	
US 20020033814	AA	20020321	US 994775	A	20011128	
US 20020033815	AA	20020321	US 994794	A	20011128	
US 20020036633	AA	20020328	US 994771	A	20011128	
US 6414660	BA	20020702	US 856161	A	20010731	
US 6441803	BA	20020827	US 994794	A	20011128	
US 6492965	BB	20021210	US 994775	A	20011128	
US 6509884	BB	20030121	US 994771	A	20011128	
WO 200126086	A1	20010412	WO 2000JP6212	A	20000911	(BASIC)
TW 476054	B	20020211	TW 89118614	A	20000911	

Priority Data (No,Kind,Date):

JP 99283228 A 19991004
WO 2000JP6212 W 20000911
EP 2000957107 A3 20000911
US 994775 A 20011128
US 856161 A3 20010731
US 994794 A 20011128
US 994771 A 20011128

PATENT FAMILY:

CHINA (CN)

Patent (No,Kind,Date): CN 1327571 T 20011219
DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): MITSUHIRO KASAHARA (JP); YUICHI ISHIKAWA (JP);
TOMOKO MORITA (JP)
Priority (No,Kind,Date): JP 99283228 A 19991004
Applic (No,Kind,Date): CN 2000802143 A 20000911
IPC: * G09G-003/28; G09G-003/20
Derwent WPI Acc No: * G 01-625203
Language of Document: Chinese

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 1136975 A1 20010926
DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English;
French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);

MORITA TOMOKO (JP)
Priority (No,Kind,Date): WO 2000JP6212 W 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2000957107 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28; G09G-003/20
Language of Document: English
Patent (No,Kind,Date): EP 1162595 A2 20011212
Display device and luminance control method therefor Dispositif
d'affichage et sa methode de commande de luminance Anzeigevorrichtung
und Verfahren zur Luminanzsteuerung dafur (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2001121826 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28
Language of Document: English
Patent (No,Kind,Date): EP 1162596 A2 20011212
Display device and luminance control method therefor Dispositif
d'affichage et sa methode de commande de luminance Anzeigevorrichtung
und Verfahren zur Luminanzsteuerung dafur (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2001121829 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28
Language of Document: English
Patent (No,Kind,Date): EP 1168290 A2 20020102
Display device and luminance control method therefor Dispositif
d'affichage et sa methode de commande de luminance Anzeigevorrichtung
und Verfahren zur Luminanzsteuerung dafur (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2001121824 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28
Language of Document: English
Patent (No,Kind,Date): EP 1162595 A3 20030226
DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English; French;
German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2001121826 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28
Derwent WPI Acc No: * G 01-625203
Language of Document: English
Patent (No,Kind,Date): EP 1162596 A3 20030226
DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English; French;

German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
 MORITA TOMOKO (JP)
 Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
 19991004
 Applic (No,Kind,Date): EP 2001121829 A 20000911
 Designated States: (National) DE; FR; GB
 IPC: * G09G-003/28; G09G-003/20
 Derwent WPI Acc No: * G 01-625203
 Language of Document: English
 Patent (No,Kind,Date): EP 1168290 A3 20030226
 DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English; French;
 German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
 MORITA TOMOKO (JP)
 Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
 19991004
 Applic (No,Kind,Date): EP 2001121824 A 20000911
 Designated States: (National) DE; FR; GB
 IPC: * G09G-003/28; G09G-003/20
 Derwent WPI Acc No: * G 01-625203
 Language of Document: English
 Patent (No,Kind,Date): EP 1136975 A4 20030226
 DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
 MORITA TOMOKO (JP)
 Priority (No,Kind,Date): WO 2000JP6212 W 20000911; JP 99283228 A
 19991004
 Applic (No,Kind,Date): EP 2000957107 A 20000911
 Designated States: (National) DE; FR; GB
 IPC: * G09G-003/28; G09G-003/20
 Derwent WPI Acc No: * G 01-625203
 Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 1136975	P	19991004	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 99283228 A 19991004
EP 1136975	P	20000911	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
				WO 2000JP6212 W 20000911
EP 1136975	P	20000911	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
				EP 2000957107 A 20000911
EP 1136975	P	20010926	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)
				DE FR GB
EP 1136975	P	20010926	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1136975	P	20010926	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20010607

EP 1136975	P	20011107	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2001121824 A 20010911
EP 1136975	P	20011107	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2001121826 A 20010911
EP 1136975	P	20011107	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2001121829 A 20010911
EP 1136975	P	20011212	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1162595 P
EP 1136975	P	20011212	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1162596 P
EP 1136975	P	20020102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1168290 P
EP 1136975	P	20030226	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1136975	P	20030226	EP A4	SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 20030113
EP 1136975	P	20030604	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20030417
EP 1162595	P	19991004	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1162595	P	20000911	EP AA	JP 99283228 A 19991004 DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 2000957107 A3 20000911
EP 1162595	P	20000911	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2001121826 A 20000911
EP 1162595	P	20011212	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 1136975 P
EP 1162595	P	20011212	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1162595	P	20011212	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1162595	P	20011212	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20010911
EP 1162595	P	20030226	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

EP 1162595	P	20030226	EP A3	DE FR GB SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1162595	P	20030528	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20030414
EP 1162595	P	20031112	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN) DE FR GB
EP 1162596	P	19991004	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1162596	P	20000911	EP AA	JP 99283228 A 19991004 DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 2000957107 A3 20000911
EP 1162596	P	20000911	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2001121829 A 20000911
EP 1162596	P	20011212	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 1136975 P
EP 1162596	P	20011212	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1162596	P	20011212	EP A2	DE FR GB PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1162596	P	20011212	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20010911
EP 1162596	P	20030226	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1162596	P	20030226	EP A3	DE FR GB SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1162596	P	20030226	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7G 09G 3/28 A, 7G 09G 3/20 B
EP 1162596	P	20030528	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20030411
EP 1162596	P	20031112	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN) DE FR GB
EP 1168290	P	19991004	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1168290	P	20000911	EP AA	JP 99283228 A 19991004 DIVIDED OUT OF (AUSSCHIEDUNG AUS)

			EP 2000957107	A3	20000911	
EP 1168290	P	20000911	EP AE		EP-APPLICATION	
					(EUROPAEISCHE ANMELDUNG)	
			EP 2001121824	A	20000911	
EP 1168290	P	20020102	EP AC		DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
			EP 1136975	P		
EP 1168290	P	20020102	EP AK		DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
			DE FR GB			
EP 1168290	P	20020102	EP A2		PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 1168290	P	20020102	EP 17P		REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	
			20010911			
EP 1168290	P	20030226	EP AK		DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
			DE FR GB			
EP 1168290	P	20030226	EP A3		SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	
EP 1168290	P	20030226	EP RIC1		CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))	
			7G 09G 3/28 A, 7G 09G 3/20 B			
EP 1168290	P	20030528	EP 17Q		FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)	
			20030411			
EP 1168290	P	20031112	EP AKX		PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)	
			DE FR GB			

JAPAN (JP)

Patent (No,Kind,Date): JP 2001109426 A2 20010420
 DISPLAY DEVICE AND BRIGHTNESS CONTROL METHOD THEREFOR (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): KASAHARA MITSUHIRO; ISHIKAWA YUICHI; MORITA TOMOKO
 Priority (No,Kind,Date): JP 99283228 A 19991004
 Applic (No,Kind,Date): JP 99283228 A 19991004
 IPC: * G09G-003/28
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3270435 B2 20020402
 Priority (No,Kind,Date): JP 99283228 A 19991004
 Applic (No,Kind,Date): JP 99283228 A 19991004
 IPC: * G09G-003/28; G09G-003/20
 Derwent WPI Acc No: * G 01-625203
 Language of Document: Japanese

TAIWAN (TW)

Patent (No,Kind,Date): TW 476054 B 20020211
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP); MORITA TOMOKO (JP)
 Priority (No,Kind,Date): JP 99283228 A 19991004
 Applic (No,Kind,Date): TW 89118614 A 20000911
 IPC: * G09G-003/28; G09G-003/20

Derwent WPI Acc No: * G 01-625203

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 20020033814 AA 20020321
DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): US 994775 A 20011128; JP 99283228 A
19991004; US 856161 A3 20010731
Applic (No,Kind,Date): US 994775 A 20011128
National Class: * 345204000
IPC: * G09G-005/00

Derwent WPI Acc No: * G 01-625203

Language of Document: English

Patent (No,Kind,Date): US 20020033815 AA 20020321
DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): US 994794 A 20011128; JP 99283228 A
19991004; US 856161 A3 20010731
Applic (No,Kind,Date): US 994794 A 20011128
National Class: * 345204000
IPC: * G09G-005/00

Derwent WPI Acc No: * G 01-625203

Language of Document: English

Patent (No,Kind,Date): US 20020036633 AA 20020328
DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): US 994771 A 20011128; JP 99283228 A
19991004; US 856161 A3 20010731
Applic (No,Kind,Date): US 994771 A 20011128
National Class: * 345204000
IPC: * G09G-005/00

Derwent WPI Acc No: * G 01-625203

Language of Document: English

Patent (No,Kind,Date): US 6414660 BA 20020702
DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): JP 99283228 A 19991004; WO 2000JP6212 W
20000911
Applic (No,Kind,Date): US 856161 A 20010731
National Class: * 345063000; 345690000; 345211000
IPC: * G09G-003/28

Derwent WPI Acc No: * G 01-625203

Language of Document: English

Patent (No,Kind,Date): US 6441803 BA 20020827
DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): US 994794 A 20011128; JP 99283228 A
19991004; US 856161 A3 20010731
Applic (No,Kind,Date): US 994794 A 20011128
National Class: * 345063000; 345690000; 345211000

IPC: * G09G-003/28
 Derwent WPI Acc No: * G 01-625203
 Language of Document: English
 Patent (No,Kind,Date): US 6492965 BB 20021210
 DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
 MORITA TOMOKO (JP)
 Priority (No,Kind,Date): US 994775 A 20011128; JP 99283228 A
 19991004; US 856161 A3 20010731
 Applic (No,Kind,Date): US 994775 A 20011128
 National Class: * 345063000; 345211000; 345690000
 IPC: * G09G-003/28
 Derwent WPI Acc No: * G 01-625203
 Language of Document: English
 Patent (No,Kind,Date): US 6509884 BB 20030121
 DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
 MORITA TOMOKO (JP)
 Priority (No,Kind,Date): US 994771 A 20011128; JP 99283228 A
 19991004; US 856161 A3 20010731
 Applic (No,Kind,Date): US 994771 A 20011128
 National Class: * 345063000; 345211000; 345690000
 IPC: * G09G-003/28
 Derwent WPI Acc No: * G 01-625203
 Language of Document: English

UNITED STATES OF AMERICA (US)

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US 20010856161	A	20010731	US REFW	CORRESPONDS TO PCT
			APPLICATION	
			WO 200126086	P
US 6414660	P	19991004	US AA	PRIORITY (PATENT)
			JP 99283228	A 19991004
US 6414660	P	20000911	US AA	PCT-APPLICATION
			WO 2000JP6212	W 20000911
US 6414660	P	20010731	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 856161	A 20010731
US 6414660	P	20020702	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 6414660	P	20030415	US CC	CERTIFICATE OF CORRECTION
US 6441803	P	19991004	US AA	PRIORITY (PATENT)
			JP 99283228	A 19991004
US 6441803	P	20010731	US AA	PRIORITY (DIVISION)
			US 856161	A3 20010731
US 6441803	P	20011128	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 994794	A 20011128
US 6441803	P	20020827	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 6492965	P	19991004	US AA	PRIORITY (PATENT)
			JP 99283228	A 19991004
US 6492965	P	20010731	US AA	PRIORITY (DIVISION)
			US 856161	A3 20010731
US 6492965	P	20011128	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 994775	A 20011128
US 6492965	P	20021210	US BB	PATENT (PREVIOUS PRE-GRANT
			PUBLICATION)	

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			JP 99283228 A	19991004
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			US 856161 A3	20010731
US 6509884	P	20011128	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 994771 A	20011128
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US 20020033814	P	19991004	US AA	PRIORITY (PATENT)
			JP 99283228 A	19991004
US 20020033814	P	20010731	US AA	PRIORITY (DIVISION)
			US 856161 A3	20010731
US 20020033814	P	20011128	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 994775 A	20011128
US 20020033814	P	20020321	US A1A1	PATENT APPLICATION PUBLICATION (PRE-GRANT)
US 20020033815	P	19991004	US AA	PRIORITY (PATENT)
			JP 99283228 A	19991004
US 20020033815	P	20010731	US AA	PRIORITY (DIVISION)
			US 856161 A3	20010731
US 20020033815	P	20011128	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 994794 A	20011128
US 20020033815	P	20020321	US A1A1	PATENT APPLICATION PUBLICATION (PRE-GRANT)
US 20020036633	P	19991004	US AA	PRIORITY (PATENT)
			JP 99283228 A	19991004
US 20020036633	P	20010731	US AA	PRIORITY (DIVISION)
			US 856161 A3	20010731
US 20020036633	P	20011128	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 994771 A	20011128
US 20020036633	P	20020328	US A1A1	PATENT APPLICATION PUBLICATION (PRE-GRANT)

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 200126086 A1 20010412

DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); KASAHARA

MITSUHIRO (JP); ISHIKAWA YUICHI (JP); MORITA TOMOKO (JP)

Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP); MORITA TOMOKO (JP)

Priority (No,Kind,Date): JP 99283228 A 19991004

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Legal Status (No,Type,Date,Code,Text):

WO 200126086	P	19991004	WO AA	PRIORITY (PATENT)
			JP 99283228 A	19991004

WO 200126086	P	20000911	WO AE	APPLICATION DATA (APPL. DATA)
			WO 2000JP6212 A	20000911

WO 200126086	P	20010412	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL.
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WITH SEARCH REPORT)
CN KR US
WO 200126086 P 20010412 WO AL DESIGNATED COUNTRIES FOR
REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT (DESIGNATED
COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPL. WITH SEARCH REPORT)
DE FR GB
WO 200126086 P 20010412 WO A1 PUBLICATION OF THE
INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT (PUB. OF THE
INTERNATIONAL APPL. WITH THE INTERNATIONAL
SEARCH REPORT)
WO 200126086 P 20010606 WO 121 EP: THE EPO HAS BEEN
INFORMED BY WIPO THAT EP WAS DESIGNATED IN
THIS APPLICATION
WO 200126086 P 20010731 WO ENP ENTRY INTO THE NATIONAL
PHASE IN:
US 856161 A 20010731